

Text - BSTX (12):

Another method specific for apoptosis has been reported where separate preparations of cell lysate and reaction mixture has not been required (Los et al. Nature 375:81-83 (1995)). This method similarly determined the caspase activity following induction of apoptosis by measuring the cleavage product of an ICE substrate analogue. Separate preparation of samples and reaction was avoided due to the use of a detergent which does not completely lyse the cells. However, the incomplete solubilization of cellular components can result in decreased sensitivity of the method. Moreover, the detection of substrate cleavage was performed by a separate procedure and, as with the method of Armstrong et al. above, similarly required additional manipulations and steps which lengthened the time period for the procedure.

Drawing Description Text - DRTX (5):

FIG.